



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RB T102103-5
Job Sheet 167489



Part No: RB T102103-5

Job Qty: 1 ea

Part Name: Retainer



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 11/1/17

Job Tracking No:

Due Date: 11/10/17

Created By: Marie Lajeunesse

Type: Stock

Description:

Ship Via:

BOM of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		11/9/17	0.00	0.00	Start up container		SL 11-15
110	CNC Lathe	1 pcs		11/10/17	0.00	0.50	MORI SL-154		SL
120	QC	1 pcs		11/10/17	0.00	0.00	QC2		IL
130	QC	1 pcs		11/10/17	0.00	0.00	QC8		FK 11-15
140	QC	1 pcs		11/10/17	0.00	0.00	QC5		38
150	Outsource	1 pcs		11/10/17	0.00	0.00	Outsource4		SP 11-28
160	Packaging	1 pcs		11/10/17	0.00	0.00	Packaging2		SP 11-28
170	QC	1 pcs		11/10/17	0.00	0.00	QC6		38
180	Packaging	1 pcs		11/10/17	0.00	0.00	Packaging3		38
190	QC21-SA	1 Ea		11/10/17	0.00	0.00	QC21		38

Part Op 110 - 1-Machine as per DWG. FB631 FOLIO REV:

DWG REV:

2-Deburr

Descriptions: 150 - -Issue P/O to ATG: 38447 - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625 TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required

NOV 22 2017

13
2-89

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	MT-2024T4-R1.250	0.177	0	0	0

Part Specifications

006690

Specifications could not be found.

Plex 11/1/17 12:35 PM Dart.lajeunesse.marie

DART
AEROSPACE
S010357

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Retainer

PART NO: RB T102103-5

Revision:

Operation: Start up Operation

Change No:

Mfg Date: 11/15/17

Job No: 167489

DART
AEROSPACE
S014898

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Retainer

PART NO: RB T102103-5

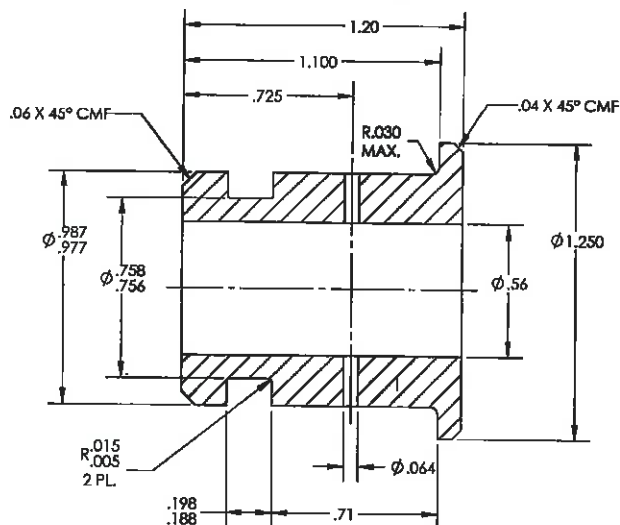
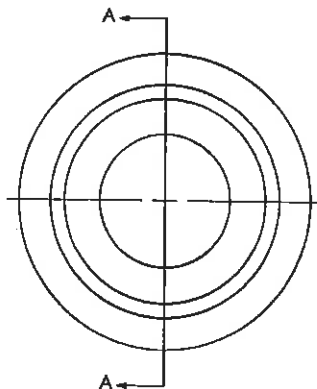
Revision:

Operation: Outsource

Change No:

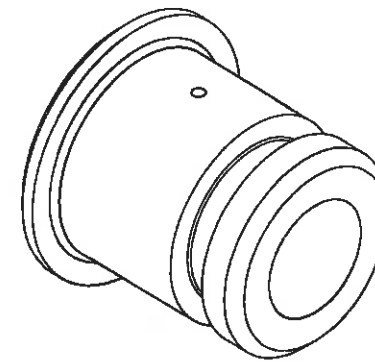
Mfg Date: 11/28/17

Job No: 167489



SECTION A-A

RB T102103-5 RETAINER



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 167489415
1711-0

NOTES:

- 1) MATERIAL: 2024-T4
- 2) HEAT TREAT: N/A
- 3) FINISH: CLEAR ANODIZE
- 4) SPEC: MIL-A-8825, TYPE II, CLASS 1
- 5) BREAK ALL SHARP EDGES .015 X 45° OR .015R
- 6) IDENTIFICATION: N/A

Acceptable to use material per M2024T3K.

2017.11.14

DART AEROSPACE		Hamilton, Ontario, Canada	
TITLE RETAINER			
PART NO. RB T102103-5			
DESIGN BY:	VM 10/18/2017	CHK	FRANCIS S 115
DRAWN BY:	VM 10/28/2017	CHK	ANGLES 45°
CHECKED:	SAC 10/27/2017		SURFACES = 115
MFG. APPR:	DP 10/30/2017		1. DIMENSIONS ARE IN INCHES
APPROVED:	WM 10/31/2017		UNLESS OTHERWISE SPECIFIED
DATE:	10/26/2017		2. INTERPRET DIM AND TOL PER
			ASME Y14.5M-2009
			3. DIMENSIONAL LIMITS APPLY
			AFTER PLATING
SCALE:	NTS	WEIGHT:	0.189 LBS
			SHEET 3 OF 4
COPYRIGHT © 2017 BY DART AEROSPACE LTD			
THIS DOCUMENT IS PROPERTY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE			
USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION			
FROM DART AEROSPACE LTD.			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038447

Items												
Line Item	Job	Part	Rev	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	167400	RBW6405G08732-3G-03	-	Receiver -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT - Certificate of Conformity is required		Firmed	11/28/17	1 pcs	0 pcs	1 pcs	\$13.35/pcs	\$13.35
7	168142	RBW6405G08832-3G-05	-	Locktube - URF 17-693 -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant - Certificate of Conformity is required		Firmed	11/28/17	1 pcs	0 pcs	1 pcs	\$13.35/pcs	\$13.35
8	167401	RBW6405G08832-3G-07	-	Receiver -Issue P/O to ATG: -HARD ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 - Certificate of Conformity is required		Firmed	11/28/17	1 pcs	0 pcs	1 pcs	\$13.35/pcs	\$13.35
9	167915	RB T102102-3	-	Adapter -Issue P/O to ATG: - ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 Water seal - Certificate of Conformity is required		Firmed	11/28/17	6 pcs	0 pcs	6 pcs	\$13.35/pcs	\$80.10
10	167488	RB T102103-3	-	Adapter -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required		Firmed	11/28/17	1 pcs	0 pcs	1 pcs	\$13.35/pcs	\$13.35
11	167489	RB T102103-5	-	Retainer -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL		Firmed	11/28/17	1 pcs	0 pcs	1 pcs	\$13.35/pcs	\$13.35

1x Spd 11-28



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914186

Date: 28-Nov-17

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
1 ea	Part: RBT102103-3 Adapter Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22039	PO: PO038447	Rev: Line: 10
1 ea	Part: RBT102103-5 Retainer Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22040	PO: PO038447	Rev: Line: 11
1 ea	Part: RBT18205-1 Wrench Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22041	PO: PO038447	Rev: Line: 12
1 ea	Part: RBW6405G08732-3G-03 Receiver Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22035	PO: PO038447	Rev: Line: 6
6 ea	Part: RBT102102-3 Adapter Clear Anodize per MIL-A-8625F, Type II, Class 1, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 22038	PO: PO038447	Rev: Line: 9
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.			
Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914186

Date: 28-Nov-17

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		OUR TRUCK
Quantity	Description	
	Date: <u>23/11/2017</u>	
	Certified Signature: <u>[Signature]</u>	
	Receiver Signature: <u>SP17-11-28</u>	
A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.		
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
Made in Canada.		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: ZK Date: Oct 31/19Work Order update only ☐

Work Order: <u>167489</u> Part No. <u>RBT102103-5</u> NCR No. <u>19-7670</u>		DISPOSITION Rework ☒ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☒ Large Fab ☐ Composite ☐ Supplier ☐							
Date: <u>2017.11.14</u>		Step #:		QTY Effective: <u>1</u>			MRB (QSI042) Approval				
Description Work Order Deviation				Disposition				Completed By			
Drawing RB T102103-5 references material 2024-T4. Material is not readily available to fulfill order.				For this order, it is acceptable to use material per M2024T3R. <u>2017.11.14</u> <u>14 CN</u> M2024 T3R 1.25" M <u>120777</u>				Lead hand / Supervisor Approval Verification <u>7/11/05</u>			
Root Cause Environment ☐ No Re-verification ☐ Design ☐ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☒ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐				FAULT CATEGORY Pressure/Forced ☐ Temperature/Cure ☐ Power Loss/Surge ☐ Positioned Wrong ☐ Bending ☐ Set-up ☐ Folio/Program ☐ Outside Dimensions ☐ Centre Not Concentric ☐ BOM/Route ☐ Grain ☐ Over/Under tolerance ☐ Cracks ☐ Broken/Damage/Defect ☐ Weld ☐ Part Incorrect ☐ Crimp/Kink/Ripple/Wave ☐ Inspection Incomplete/Unqualified ☐ Wrong Stock Pulled ☐ Part Lost/Missing ☐ Cuffs ☐ Contamination ☐ Out of Sequence ☐ Part Moved ☐ Crushing ☐ Countersink ☐ Off-set ☒ Drawing ☐ Heat Treat ☐ Cut Too Short ☐ Misabeled ☐ Finish ☐ Wave/Twist in Tube ☐ Instructions Incomplete/Unclear ☐ Fit/Function ☐ Misread ☐ Marks/Chatter ☐ Drill Holes ☐ Misaligned/off center ☐ Turning Sequence ☐						QC / QA Coordinator DAS Approval 55 <u>31 JUL 2019</u> 9-89 <u>15 NOV 2019</u>	
OTHER :											